



# STIC Search Report

## EIC 2800

STIC Database Tracking Number: 127704

27

**TO:** Nicholas Ponomarenko  
**Location:** JEF- 9A65  
**Art Unit :** 2834  
**Wednesday, July 21, 2004**

**Case Serial Number:** 10/039819

**From:** Darcy Bates  
**Location:** EIC 2800  
**JEF- 4B68**  
**Phone:** 571-272-2540

**darcy.bates@uspto.gov**

### Search Notes

**Re: 10/039,819 US 6,031,294**

**Attached are search results.**

**No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let me know.**

**Thanks,  
Darcy Bates**

## **Litigation involving patent 6,031,294**

Click on the docket number to view the docket.  
Click on the above patent number to view the patent.

 Docket  Case Heading  Date Filed  Date Retrvd

**There are no cases involving this patent number.**

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#)



Terms: [patno=6031294](#) ([Edit Search](#))

003078 (00) 6031294 February 29, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

**6031294**

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[Link to Claims Section](#)

February 29, 2000

Turbogenerator/motor controller with ancillary energy storage/discharge

**REISSUE:** December 31, 2001 - Reissue Application filed Ex. Gp.: 2834; Re. S.N. 10/039,819 (O.G. December 17, 2002)

**INVENTOR:** Geis, Everett R., Trabuco Canyon, CA; Peticolas, Brian W., Redondo Beach, CA; Wacknov, Joel B., Monrovia, CA

**CERT-CORRECTION:** January 16, 2001 - a Certificate of Correction was issued for this patent (O.G. January 16, 2001)

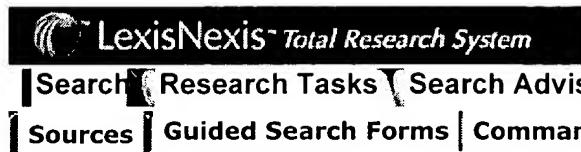
**APPL-NO:** 003078 (00)

**FILED-DATE:** January 5, 1998

**GRANTED-DATE:** February 29, 2000

**ASSIGNEE-AT-ISSUE:** Capstone Turbine Corporation, Woodland Hills, CA

**ASSIGNEE-AFTER-ISSUE:** January 5, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CAPSTONE TURBINE CORPORATION 18700 OXNARD STREET TARZANA CALIFORNIA 91356, Reel and Frame Number: 008926/0766



Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents



### Enter Search Terms



Terms and Connectors  Natural Language

patno=6031294

Search

Use connectors to show relation of terms (cat or feline, jane w/3 doe) [more...](#)

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Query/Command : us6031294/pn

\*\* SS 3: Results 1

Search statement 4

Query/Command : prt fu legalall max

1 / 1 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US6031294 A 20000229 [US6031294]  
**TI** - (A) Turbogenerator/motor controller with ancillary energy storage/discharge  
**PA** - (A) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Woodland Hills CA [US]  
**IN** - (A) GEIS EVERETT R (US); PETICOLAS BRIAN W (US); WACKNOV JOEL B (US)  
**AP** - US307898 19980105 [1998US-0003078]  
**PR** - US307898 19980105 [1998US-0003078]  
**IC** - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04  
**EC** - H02P-009/04  
**PCL** - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 290040000R  
290046000 322010000 322029000  
**DT** - Corresponding document  
**CT** - US4015187; US4565957; US4730397; US4841216; US4862009; US5038566; US5057763; US5214371; US5250890; US5260637; US5309081; US5363032; US5510696; US5546742; US5572108; US5581168; US5594322  
**STG** - (A) United States patent  
**AB** - A turbogenerator/motor controller with a microprocessor based inverter having multiple modes of operation with an energy storage and discharge system including an ancillary electric storage device, such as a battery, connected to the generator controller through control electronics. Electrical energy can flow from the ancillary electric storage device to the turbogenerator controller during start up and increasing load and vice versa during self-sustained operation of the turbogenerator. When utility power is unavailable, the ancillary electric storage device can provide the power required to start the turbogenerator. When a load transient occurs, the gas turbine engine and the ancillary electric storage device provide the power required to successfully meet the transient.  
**UP** - 2000-10

1 / 1 *LGST - ©EPO*  
**PN** - US6031294 A 20000229 [US6031294]  
**AP** - US307898 19980105 [1998US-0003078]  
**ACT** - 20010116 US/CC-A  
CERTIFICATE OF CORRECTION  
20021217 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20011231  
**UP** - 2003-22

7/21/04

US 6,031,294

09/003078

1 / 1 CRXX - ©CLAIMS/RRX  
**AN** - 3287606  
**PN** - 6,031,294 A 20000229 [US6031294]  
**PA** - Capstone Turbine Corp  
**PT** - E (Electrical)  
**ACT** - 20021231 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20021217  
REISSUE REQUEST NUMBER: 10/039819  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2834

Reissue Patent Number:

**UP** - 2001-03  
**UACT** - 2002-12-17

Search statement 4

Query/Command : fam us6031294/pn

1 Patent Groups  
\*\* SS 4: Results 33

Search statement 5

Query/Command : famstate nonstop

1 / 33 PLUSPAT - ©QUESTEL-ORBIT  
**PN** - AU2025302 A 20020603 [AU200220253]  
**STG** - (A) Open to public inspection  
**TI** - (A) Transient turbine exhaust temperature control for a turbogenerator  
**PA** - (A) CAPSTONE TURBINE CORP  
**IN** - (A) GILBRETH MARK; EDELMAN ED; WACKNOV JOEL; WALL SIMON  
**IC** - (A) F01D-015/10 F02C-007/08 F02C-009/26 F02C-009/32  
**AP** - AU2025302 20011105 [2002AU-0020253]  
**PR** - US24582900P 20001103 [2000US-P245829]  
**WO** - WOUS0147201 20011105 [2001WO-US47201]  
**UP** - 2002-46

2 / 33 PLUSPAT - ©QUESTEL-ORBIT  
**PN** - CA2246769 A1 19990308 [CA2246769]  
**STG** - (A1) Application laid open  
**TI** - (A1) TURBOGENERATOR/MOTOR CONTROLLER  
**OTI** - (A1) CONTROLEUR DE TURBOALTERNATEUR  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**IN** - (A1) PETICOLAS BRIAN W (US); GEIS EVERETT R (US); WACKNOV JOEL B (US)  
**IC** - (A1) F02C-007/00 H02K-007/18 H02P-009/08  
**LA** - ENGLISH (ENG)  
**AP** - CA2246769 19980908 [1998CA-2246769]

7/21/04

US 6,031,294

09/003078

PR - US307898 19980105 [1998US-0003078]  
US92496697 19970908 [1997US-0924966]

3 / 33 PLUSPAT - ©QUESTEL-ORBIT  
PN - CA2279320 A1 20000427 [CA2279320]  
STG - (A1) Application laid open  
TI - (A1) TURBOGENERATOR POWER CONTROL SYSTEM  
OTI - (A1) SYSTEME DE COMMANDE DE PUISSANCE DE TURBOALTERNATEUR  
PA - (A1) CAPSTONE TURBINE CORP (US)  
IN - (A1) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN W (US); EDELMAN EDWARD C (US)  
IC - (A1) H02K-007/18 H02P-009/00  
LA - ENGLISH (ENG)  
AP - CA2279320 19990729 [1999CA-2279320]  
PR - US18121398 19981027 [1998US-0181213]  
UP - 2004-08

4 / 33 PLUSPAT - ©QUESTEL-ORBIT  
PN - CA2326192 A1 19991014 [CA2326192]  
STG - (A1) Application laid open  
TI - (A1) POWER CONTROLLER  
OTI - (A1) ORGANE DE COMMANDE DE PUISSANCE  
PA - (A1) CAPSTONE TURBINE CORP (US)  
IN - (A1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)  
IC - (A1) H02J-001/10 H02J-001/14  
LA - ENGLISH (ENG)  
AP - CA2326192 19981208 [1998CA-2326192]  
PR - US8045798P 19980402 [1998US-P080457]  
WOUS9826139 19981208 [1998WO-US26139]  
UP - 2002-11

1 / 1 LEGALI - ©EPO  
PN - CA2326192 A1 19991014 [CA2326192]  
AP - CA2326192 19981208 [1998CA-2326192]  
ACTE- 20030403 CA/AFNE-A [+]  
NATIONAL PHASE ENTRY  
EFFECTIVE DATE: 20000927  
UP - 2004-09

5 / 33 PLUSPAT - ©QUESTEL-ORBIT - image  
PN - EP0901218 A2 19990310 [EP-901218]  
STG - (A2) Pub. of applic. Without search report  
TI - (A2) Turbogenerator/motor controller  
OTI - (A2) Regler für Turbolader/Motor  
(A2) Régulateur pour turbogénérateur/moteur  
PA - (A2) CAPSTONE TURBINE CORP (US)  
IN - (A2) PETICOLAS BRIAN W (US); GEIS EVERETT R (US); WACKNOV JOEL B (US)  
IC - (A2) H02P-009/04  
PN2 - EP0901218 A3 20000816 [EP-901218]  
STG2- (A3) Publi. of search report  
TI2 - (A3) Turbogenerator/motor controller  
OTI2- (A3) Regler für Turbolader/Motor  
(A3) Régulateur pour turbogénérateur/moteur  
PA2 - (A3) CAPSTONE TURBINE CORP (US)

**IN2** - (A3) PETICOLAS BRIAN W (US); GEIS EVERETT R (US); WACKNOV JOEL B (US)  
**IC2** - (A3) H02P-009/04 H02P-009/08  
**LA** - ENGLISH (ENG)  
**AP** - EP98307247 19980908 [1998EP-0307247]  
**PR** - US92496697 19970908 [1997US-0924966]  
           US307898 19980105 [1998US-0003078]  
**EC** - H02P-009/04  
**DS** - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
**DT** - Basic

1 / 1 *LEGALI - ©EPO*  
**PN** - EP0901218 A2 19990310 [EP-901218]EP0901218 A3 20000816 [EP-901218]  
**AP** - EP98307247 19980908 [1998EP-0307247]  
**ACTE** - 19990310 EP/AK-A [+]  
 DESIGNATED CONTRACTING STATES:  
 AT BE CH LI

19990310 EP/AX-A [+]  
 EXTENSION OF THE EUROPEAN PATENT TO  
 AL;LT;LV;MK;RO;SI

20000816 EP/AK-A [+]  
 DESIGNATED CONTRACTING STATES:  
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20000816 EP/AX-A [+]  
 EXTENSION OF THE EUROPEAN PATENT TO  
 AL;LT;LV;MK;RO;SI

20000816 EP/RIC1-A  
 CLASSIFICATION (CORRECTION)  
 7H 02P 9/04 A, 7H 02P 9/08 B

20010404 EP/17P-A [+]  
 REQUEST FOR EXAMINATION FILED  
 EFFECTIVE DATE: 20010202

20010502 EP/AKX-A [+]  
 PAYMENT OF DESIGNATION FEES  
 AT BE CH LI

20010516 EP/RBV-A [+]  
 DESIGNATED CONTRACTING STATES (CORRECTION):  
 DE FR GB

20010607 EP/REG-A; DE/8566 [-]  
 DE: DESIGNATED COUNTRY DE NOT LONGER VALID  
 <DE>

**UP** - 2003-22

6 / 33 *PLUSPAT - ©QUESTEL-ORBIT*  
**PN** - EP1075724 A1 20010214 [EP1075724]  
**STG** - (A1) Public. Of applic. With search report  
**TI** - (A1) POWER CONTROLLER  
**OTI** - (A1) ENERGIESTEUERUNG  
           (A1) ORGANE DE COMMANDE DE PUISSANCE  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**IN** - (A1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)

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09/003078

**IC** - (A1) H02J-001/10 H02J-001/14  
**LA** - ENGLISH (ENG)  
**AP** - EP98962993 19981208 [1998EP-0962993]  
**PR** - WOUS9826139 19981208 [1998WO-US26139]  
US8045798P 19980402 [1998US-P080457]  
**DS** - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
**UP** - 2001-07

1 / 1 *LEGALI - ©EPO*  
**PN** - EP1075724 A1 20010214 [EP1075724]  
**AP** - EP98962993 19981208 [1998EP-0962993]  
**ACTE** - 20010214 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
  
20010214 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 20001006  
  
20010321 EP/RIN1-A  
INVENTOR (CORRECTION)  
GILBRETH, MARK  
  
20010321 EP/RIN1-A  
INVENTOR (CORRECTION)  
WACKNOV, JOEL  
  
20010321 EP/RIN1-A  
INVENTOR (CORRECTION)  
WALL, SIMON  
  
20030917 EP/17Q-A [+]  
FIRST EXAMINATION REPORT  
EFFECTIVE DATE: 20030731  
**UP** - 2003-39

7 / 33 *PLUSPAT - ©QUESTEL-ORBIT*  
**PN** - EP1341990 A1 20030910 [EP1341990]  
**STG** - (A1) Public. Of applic. With search report  
**TI** - (A1) TRANSIENT TURBINE EXHAUST TEMPERATURE CONTROL FOR A  
TURBOGENERATOR  
**OTI** - (A1) ÜBERGANGS-TURBINENABGASTEMPERATUR-STEUERUNG FÜR EINEN  
TURBOGENERATOR  
    (A1) REGULATION DE TEMP RATURE TRANSITOIRE EN SORTIE DE TURBINE  
    POUR TURBOGENERATEUR  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PAO** - Capstone Turbine Corporation; 21211 Nordhoff Street; Chatsworth,  
California 91311 (US)  
**IN** - (A1) GILBRETH MARK (US); EDELMAN ED (US); WACKNOV JOEL (US);  
WALL SIMON (US)  
**IC** - (A1) F01D-015/10 F02C-007/08 F02C-009/26 F02C-009/32  
**LA** - ENGLISH (ENG)  
**AP** - EP01997623 20011105 [2001EP-0997623]  
**PR** - WOUS0147201 20011105 [2001WO-US47201]  
US24582900P 20001103 [2000US-P245829]  
**DS** - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR  
AL LT LV MK RO SI  
**UP** - 2003-37

1 / 1 *LEGALI - ©EPO*  
**PN** - EP1341990 A1 20030910 [EP1341990]  
**AP** - EP01997623 20011105 [2001EP-0997623]  
**ACTE** - 20030910 EP/AK-A [+]  
 DESIGNATED CONTRACTING STATES:  
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR  
 20030910 EP/AX-A [+]  
 EXTENSION OF THE EUROPEAN PATENT TO  
 AL LT LV MK RO SI  
 20030910 EP/17P-A [+]  
 REQUEST FOR EXAMINATION FILED  
 EFFECTIVE DATE: 20030602  
 20040526 EP/RBV-A [+]  
 DESIGNATED CONTRACTING STATES (CORRECTION):  
 DE FR GB IT  
**UP** - 2004-22

8 / 33 *PLUSPAT - ©QUESTEL-ORBIT*  
**PN** - IL125905 D0 19990411 [IL-125905]  
**STG** - (D0) Notice under sect. 16 patent law  
**TI** - (D0) Turbogenerator/motor controller  
**PA** - (D0) CAPSTONE TURBINE CORP  
**IC** - (D0) H02K  
**PN2** - IL125905 A 20001206 [IL-125905]  
**STG2** - (A) Applic. Laid open to publ. Inspec  
**TI2** - (A) Turbogenerator/motor controller with ancillary energy storage/discharge  
**PA2** - (A) CAPSTONE TURBINE CORP (US)  
**IC2** - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04  
**AP** - IL12590598 19980824 [1998IL-0125905]  
**PR** - US307898 19980105 [1998US-0003078]  
 US92496697 19970908 [1997US-0924966]

1 / 1 *LEGALI - ©EPO*  
**PN** - IL125905 D0 19990411 [IL-125905]  
**AP** - IL12590598 19980824 [1998IL-0125905]  
**ACTE** - 20010430 IL/FF-A [+]  
 PATENTS GRANTED  
 20011031 IL/KB-A [+]  
 PATENTS RENEWED  
**UP** - 2003-22

9 / 33 *PLUSPAT - ©QUESTEL-ORBIT*  
**PN** - IL137542 D0 20010724 [IL-137542]  
**STG** - (D0) Notice under sect. 16 patent law  
**TI** - (D0) TURBOGENERATOR/MOTOR CONTROLLER  
**PA** - (D0) CAPSTONE TURBINE CORP  
**IC** - (D0) F02N  
**PN2** - IL137542 A 20030731 [IL-137542]  
**STG2** - (A) Applic. Laid open to publ. Inspec  
**TI2** - (A) TURBOGENERATOR/MOTOR CONTROLLER

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US 6,031,294

09/003078

**PA2** - (A) CAPSTONE TURBINE CORP (US)  
**IC2** - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04  
**AP** - IL13754200 20000726 [2000IL-0137542]  
**PR** - IL13754200 20000726 [2000IL-0137542]  
IL12590598 19980824 [1998IL-0125905]  
US92496697 19970908 [1997US-0924966]  
**UP** - 2002-30

1 / 1 *LEGALI - ©EPO*  
**PN** - IL137542 D0 20010724 [IL-137542] IL137542 A 20030731 [IL-137542]  
**AP** - IL13754200 20000726 [2000IL-0137542]  
**ACTE** - 20040104 IL/FF-A [+]  
PATENTS GRANTED  
  
20040208 IL/KB-A [+]  
PATENTS RENEWED  
**UP** - 2004-09

10 / 33 *PLUSPAT - ©QUESTEL-ORBIT*  
**PN** - JP2002510957 T 20020409 [JP2002510957]  
**STG** - (T) Unexam. Pat. Appl. On foreign appl.  
**IC** - (T) H02J-001/10 H02J-001/14 H02J-003/28 H02J-003/46  
**AP** - JP2000542839T 19981208 [2000JP-0542839]  
**PR** - US8045798P 19980402 [1998US-P080457]  
WOUS9826139 19981208 [1998WO-US26139]  
**UP** - 2002-20

11 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - JP11122995 A 19990430 [JP11122995]  
**STG** - (A) Doc. Laid open to publ. Inspec.  
**TI** - (A) TURBINE GENERATOR-MOTOR CONTROLLER  
**PA** - (A) CAPSTONE TURBINE CORP  
**PA0** - (A) CAPSTONE TURBINE CORP  
**IN** - (A) GEIS EVERETT R; PETICOLAS BRIAN W; WACKNOV JOEL B  
**IC** - (A) H02P-009/08  
**AP** - JP22023198 19980804 [1998JP-0220231]  
**PR** - US307898 19980105 [1998US-0003078]  
US92496697 19970908 [1997US-0924966]

12 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2002121091 A1 20020905 [US2002121091]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Transient turbine exhaust temperature control for a turbogenerator  
**PA** - (B2) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Chatsworth CA [US]  
**IN** - (A1) GILBRETH MARK (US); EDELMAN ED (US); WACKNOV JOEL (US); WALL SIMON (US)  
**IC** - (A1) F02C-009/26  
**PN2** - US6612112 B2 20030902 [US6612112]  
**STG2** - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001  
**TI2** - (B2) Transient turbine exhaust temperature control for a turbogenerator  
**PA2** - (B2) CAPSTONE TURBINE CORP (US)  
**IN2** - (B2) GILBRETH MARK (US); EDELMAN ED (US); WACKNOV JOEL (US);

WALL SIMON (US)  
**IC2** - (B2) F02C-009/28  
**AP** - US1277001 20011105 [2001US-0012770]  
**PR** - US1277001 20011105 [2001US-0012770]  
 US20781798 19981208 [1998US-0207817]  
 US24582900P 20001103 [2000US-P245829]  
**EC** - F01D-015/10  
 F02C-007/08  
 F02C-009/26  
 F02C-009/32  
**ICO** - R05B-270/101  
 R05B-270/1033  
 R05B-270/104  
 R05B-270/1073  
 R05B-270/303  
**PCL** - ORIGINAL (O) : 060773000; CROSS-REFERENCE (X) : 060039281  
**DT** - Corresponding document  
**UP** - 2002-38

13 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US6265786 B1 20010724 [US6265786]  
**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**TI** - (B1) Turbogenerator power control system  
**PA** - (B1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Chatsworth CA [US]  
**IN** - (B1) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN  
 W (US); EDELMAN EDWARD C (US)  
**IC** - (B1) F01D-015/10  
**AP** - US18121398 19981027 [1998US-0181213]  
**PR** - US18121398 19981027 [1998US-0181213]  
 US307898 19980105 [1998US-0003078]  
**EC** - F02C-009/56  
 F04B-047/02D  
 H02P-009/04  
**PCL** - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 074041000  
 290046000 318723000 318801000 417044100 417053000  
**DT** - Corresponding document  
**UP** - 2001-31

1 / 1 *LEGALI - ©EPO*  
**PN** - US6265786 B1 20010724 [US6265786]  
**AP** - US18121398 19981027 [1998US-0181213]  
**ACTE** - 20020625 US/CC-A  
 CERTIFICATE OF CORRECTION  
**UP** - 2003-22

14 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US6487096 B1 20021126 [US6487096]  
**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**TI** - (B1) Power controller  
**PA** - (B1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Chatsworth CA [US]  
**IN** - (B1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)  
**IC** - (B1) H02J-003/36 H02M-005/45  
**AP** - US20781798 19981208 [1998US-0207817]  
**PR** - US20781798 19981208 [1998US-0207817]  
 US92496697 19970908 [1997US-0924966]

7/21/04

US 6,031,294

09/003078

US8045798P 19980402 [1998US-P080457]  
**EC** - H02J-001/10  
H02J-001/14  
H02P-009/04  
**PCL** - ORIGINAL (O) : 363035000  
**DT** - Corresponding document  
**UP** - 2002-49

15 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2003007369 A1 20030109 [US20030007369]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Power controller  
**IN** - (A1) GILBRETH MARK G (US); WACKNOV JOEL B (US); WALL SIMON R (US)  
**IC** - (A1) H02J-003/36  
**AP** - US22440602 20020821 [2002US-0224406]  
**PR** - US22440602 20020821 [2002US-0224406]  
US20781798 19981208 [1998US-0207817]  
US8045798P 19980402 [1998US-P080457]  
**EC** - H02J-001/10  
H02J-001/14  
**PCL** - ORIGINAL (O) : 363035000  
**DT** - Corresponding document  
**UP** - 2003-05

16 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US6031294 A 20000229 [US6031294]  
**STG** - (A) United States patent  
**TI** - (A) Turbogenerator/motor controller with ancillary energy storage/discharge  
**PA** - (A) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Woodland Hills CA [US]  
**IN** - (A) GEIS EVERETT R (US); PETICOLAS BRIAN W (US); WACKNOV JOEL B (US)  
**IC** - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04  
**AP** - US307898 19980105 [1998US-0003078]  
**PR** - US307898 19980105 [1998US-0003078]  
**EC** - H02P-009/04  
**PCL** - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 290040000R  
290046000 322010000 322029000  
**DT** - Corresponding document  
**UP** - 2000-10

1 / 1 *LEGALI - ©EPO*  
**PN** - US6031294 A 20000229 [US6031294]  
**AP** - US307898 19980105 [1998US-0003078]  
**ACTE** - 20010116 US/CC-A  
CERTIFICATE OF CORRECTION  
  
20021217 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20011231  
**UP** - 2003-22

17 / 33 *PLUSPAT - ©QUESTEL-ORBIT*  
**PN** - US6325142 B1 20011204 [US6325142]

**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**TI** - (B1) Turbogenerator power control system  
**PA** - (B1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Chatsworth CA [US]  
**IN** - (B1) BOSLEY ROBERT W (US); EDELMAN EDWARD C (US)  
**IC** - (B1) E21B-043/00 F01D-015/10 F04B-049/00  
**AP** - US31689699 19990522 [1999US-0316896]  
**PR** - US31689699 19990522 [1999US-0316896]  
 US307898 19980105 [1998US-0003078]  
 US18121398 19981027 [1998US-0181213]  
**EC** - E21B-047/00P2  
 F02C-009/56  
 F04B-047/02D  
 H02P-009/04  
**PCL** - ORIGINAL (O) : 166053000; CROSS-REFERENCE (X) : 290052000  
 417012000  
**DT** - Corresponding document  
**UP** - 2001-50

18 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2002198648 A1 20021226 [US20020198648]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Method and system for control of turbogenerator power and temperature  
**IN** - (A1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)  
**IC** - (A1) G06F-019/00  
**AP** - US3791602 20020102 [2002US-0037916]  
**PR** - US3791602 20020102 [2002US-0037916]  
 US20781798 19981208 [1998US-0207817]  
 US307898 19980105 [1998US-0003078]  
 US8045798P 19980402 [1998US-P080457]  
**EC** - H02J-001/10  
 H02J-001/14  
 H02P-009/04  
**PCL** - ORIGINAL (O) : 701100000  
**DT** - Corresponding document  
**UP** - 2003-02

19 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US6192668 B1 20010227 [US6192668]  
**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**TI** - (B1) Method and apparatus for compressing gaseous fuel in a turbine engine  
**PA** - (B1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Woodland Hills CA [US]  
**IN** - (B1) MACKAY ROBIN (US)  
**IC** - (B1) F02C-007/22  
**AP** - US42049499 19991019 [1999US-0420494]  
**PR** - US42049499 19991019 [1999US-0420494]  
**EC** - F02C-003/22  
 F02C-007/236B  
**PCL** - ORIGINAL (O) : 060776000; CROSS-REFERENCE (X) : 060039465  
 060726000  
**DT** - Basic  
**UP** - 2001-14

**PN** - US6192668 B1 20010227 [US6192668]  
**AP** - US42049499 19991019 [1999US-0420494]  
**ACTE** - 19991019 US/AS-A  
**ASSIGNMENT**  
 OWNER: CAPSTONE TURBINE CORPORATION 6430 INDEPENDENCE AVE;  
 EFFECTIVE DATE: 19991013  
 ASSIGNMENT OF ASSIGNEES INTEREST;ASSIGNOR:MACKAY,  
 ROBIN;REEL/FRAME:010343/0723  
**UP** - 2004-24

*20 / 33 PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US20040135436 A1 20040715 [US20040135436]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Power controller system and method  
**IN** - (A1) Gilbreth Mark G (US); Wacknov Joel B (US); Wall Simon R (GB)  
**IC** - (A1) H02J-001/10  
**AP** - US677480 20031003 [2003US-0677480]  
**PR** - US677480 20031003 [2003US-0677480]  
**PCL** - ORIGINAL (O) : 307018000  
**UP** - 2004-29

*21 / 33 PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2004103669 A1 20040603 [US2004103669]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Integrated turbine power generation system with catalytic reactor  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, [US]  
**IN** - (A1) BERNER PAUL (US); PONT GUILLERMO (US); WACKNOV JOEL (US); WILLIS JEFFREY W (US)  
**IC** - (A1) F23R-003/40  
**AP** - US70600803 20031113 [2003US-0706008]  
**PR** - US70600803 20031113 [2003US-0706008]  
 US93366301 20010822 [2001US-0933663]  
 US20781798 19981208 [1998US-0207817]  
 US77253701 20010129 [2001US-0772537]  
 US42049499 19991019 [1999US-0420494]  
 US8045798P 19980402 [1998US-P080457]  
**EC** - F02C-003/22  
 F02C-007/236B  
 H02J-001/10  
 H02J-001/14  
**PCL** - ORIGINAL (O) : 060777000; CROSS-REFERENCE (X) : 060723000  
**DT** - Corresponding document  
**UP** - 2004-24

*22 / 33 PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2004100101 A1 20040527 [US2004100101]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Integrated turbine power generation system with catalytic reactor  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, [US]  
**IN** - (A1) BERNER PAUL (US); PONT GUILLERMO (US); WACKNOV JOEL (US); WILLIS JEFFREY W (US)  
**IC** - (A1) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04  
**AP** - US70607003 20031113 [2003US-0706070]

**PR** - US70607003 20031113 [2003US-0706070]  
 US93366301 20010822 [2001US-0933663]  
 US20781798 19981208 [1998US-0207817]  
 US77253701 20010129 [2001US-0772537]  
 US42049499 19991019 [1999US-0420494]  
 US8045798P 19980402 [1998US-P080457]  
**EC** - F02C-003/22  
 F02C-007/236B  
 H02J-001/10  
 H02J-001/14  
**PCL** - ORIGINAL (O) : 290052000  
**DT** - Corresponding document  
**UP** - 2004-22

23 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2004119291 A1 20040624 [US20040119291]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Method and apparatus for indirect catalytic combustor  
 preheating  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, [US]  
**IN** - (A1) GILBRETH MARK (US); KANG YUNGMO (US); JENSEN HARRY L (US);  
 WACKNOV JOEL (US); WALL SIMON (US); HAMRIN DOUGLAS A (US)  
**IC** - (A1) H02P-009/04  
**AP** - US72658603 20031204 [2003US-0726586]  
**PR** - US72658603 20031204 [2003US-0726586]  
 US97788301 20011011 [2001US-0977883]  
 US20781798 19981208 [1998US-0207817]  
 US8045798P 19980402 [1998US-P080457]  
**EC** - H02J-001/10  
 H02J-001/14  
**PCL** - ORIGINAL (O) : 290007000  
**DT** - Corresponding document  
**UP** - 2004-26

24 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2002190695 A1 20021219 [US20020190695]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Turbogenerator with electrical brake  
**IN** - (A1) DICKEY BRIAN (US); PONT GUILLERMO (US); WALL SIMON (US)  
**IC** - (A1) H02H-007/06  
**AP** - US7712102 20020215 [2002US-0077121]  
**PR** - US7712102 20020215 [2002US-0077121]  
 US20781798 19981208 [1998US-0207817]  
 US92496697 19970908 [1997US-0924966]  
 US307898 19980105 [1998US-0003078]  
 US8045798P 19980402 [1998US-P080457]  
 US26954601P 20010216 [2001US-P269546]  
 US27635401P 20010316 [2001US-P276354]  
**EC** - H02J-001/10  
 H02J-001/14  
 H02P-009/04  
**PCL** - ORIGINAL (O) : 322017000  
**DT** - Corresponding document  
**UP** - 2003-02

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**PN** - US2001017029 A1 20010830 [US20010017029]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Method and apparatus for compressing gaseous fuel in a turbine engine  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, [US]  
**IN** - (A1) MACKAY ROBIN (US)  
**IC** - (A1) F02C-007/22  
**PN2** - US6381944 B2 20020507 [US6381944]  
**STG2** - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001  
**TI2** - (B2) Method and apparatus for compressing gaseous fuel in a turbine engine  
**PA2** - (B2) CAPSTONE TURBINE CORP (US)  
**IN2** - (B2) MACKAY ROBIN (US)  
**IC2** - (B2) F02C-007/00  
**AP** - US77253701 20010129 [2001US-0772537]  
**PR** - US77253701 20010129 [2001US-0772537]  
 US42049499 19991019 [1999US-0420494]  
**EC** - F02C-003/22  
 F02C-007/236B  
**PCL** - CROSS-REFERENCE (X) : 415155000  
**DT** - Corresponding document  
**UP** - 2001-38

*26 / 33 PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2002030364 A1 20020314 [US20020030364]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Turbogenerator power control system  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, [US]  
**IN** - (A1) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN W (US); EDELMAN EDWARD C (US)  
**IC** - (A1) H02P-009/04  
**PN2** - US6495929 B2 20021217 [US6495929]  
**STG2** - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001  
**TI2** - (B2) Turbogenerator power control system  
**PA2** - (B2) CAPSTONE TURBINE CORP (US)  
**IN2** - (B2) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN W (US); EDELMAN EDWARD C (US)  
**IC2** - (B2) H02P-009/00  
**AP** - US82903501 20010409 [2001US-0829035]  
**PR** - US82903501 20010409 [2001US-0829035]  
 US18121398 19981027 [1998US-0181213]  
**EC** - F02C-009/56  
 F04B-047/02D  
 H02P-009/04  
**PCL** - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 318140000  
 322028000  
**DT** - Basic  
**UP** - 2002-12

*27 / 33 PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2001052704 A1 20011220 [US20010052704]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Turbogenerator power control system  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, [US]  
**IN** - (A1) BOSLEY ROBERT W (US); EDELMAN EDWARD C (US)  
**IC** - (A1) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04

7/21/04

US 6,031,294

09/003078

**AP** - US83457901 20010412 [2001US-0834579]  
**PR** - US83457901 20010412 [2001US-0834579]  
US31689699 19990522 [1999US-0316896]  
**EC** - E21B-047/00P2  
F01D-015/10  
F04B-047/02D  
**PCL** - ORIGINAL (O) : 290052000  
**DT** - Basic  
**UP** - 2002-02

28 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US5903116 A 19990511 [US5903116]  
**STG** - (A) United States patent  
**TI** - (A) Turbogenerator/motor controller  
**PA** - (A) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, Tarzana CA [US]  
**IN** - (A) GEIS EVERETT R (US); PETICOLAS BRIAN W (US)  
**IC** - (A) H02P-005/20  
**AP** - US92496697 19970908 [1997US-0924966]  
**PR** - US92496697 19970908 [1997US-0924966]  
**EC** - H02P-009/04  
**PCL** - ORIGINAL (O) : 318140000; CROSS-REFERENCE (X) : 318145000  
318147000 318375000  
**DT** - Corresponding document

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**PN** - US5903116 A 19990511 [US5903116]  
**AP** - US92496697 19970908 [1997US-0924966]  
**ACTE** - 19970908 US/AS02-A  
ASSIGNMENT OF ASSIGNEE'S INTEREST  
OWNER: CAPSTONE TURBINE CORPORATION 6025 YOLANDA AVE. TAR;  
EFFECTIVE DATE: 19970902

19970908 US/AS02-A  
ASSIGNMENT OF ASSIGNEE'S INTEREST  
OWNER: GEIS, EVERETT R.; EFFECTIVE DATE: 19970902

19970908 US/AS02-A  
ASSIGNMENT OF ASSIGNEE'S INTEREST  
OWNER: PETICOLAS, BRIAN W.; EFFECTIVE DATE: 19970903

20011204 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20010511  
**UP** - 2003-22

29 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2002166324 A1 20021114 [US20020166324]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Integrated turbine power generation system having low  
pressure supplemental catalytic reactor  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation; Chatsworth, CA [US]  
**IN** - (A1) BERNER PAUL (US); PONT GUILLERMO (US); WACKNOV JOEL (US);  
WILLIS JEFFREY W (US)  
**IC** - (A1) F23R-003/40  
**AP** - US93366301 20010822 [2001US-0933663]

**PR** - US93366301 20010822 [2001US-0933663]  
 US77253701 20010129 [2001US-0772537]  
 US42049499 19991019 [1999US-0420494]  
 US20781798 19981208 [1998US-0207817]  
 US8045798P 19980402 [1998US-P080457]  
**EC** - F02C-003/22  
 F02C-007/236B  
 H02J-001/10  
 H02J-001/14  
**PCL** - ORIGINAL (O) : 060777000; CROSS-REFERENCE (X) : 060723000  
**DT** - Corresponding document  
**UP** - 2002-47

30 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2002073713 A1 20020620 [US20020073713]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Method and apparatus for compressing gaseous fuel in a turbine engine  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - Capstone Turbine Corporation, [US]  
**IN** - (A1) MACKAY ROBIN (US)  
**IC** - (A1) F02C-007/22  
**AP** - US95302201 20010913 [2001US-0953022]  
**PR** - US95302201 20010913 [2001US-0953022]  
 US77253701 20010129 [2001US-0772537]  
 US42049499 19991019 [1999US-0420494]  
**EC** - F02C-003/22  
 F02C-007/236B  
**PCL** - ORIGINAL (O) : 060776000; CROSS-REFERENCE (X) : 060734000  
**DT** - Corresponding document  
**UP** - 2002-26

31 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - US2002099476 A1 20020725 [US20020099476]  
**STG** - (A1) Utility Patent Application published on or after January 2, 2001  
**TI** - (A1) Method and apparatus for indirect catalytic combustor preheating  
**IN** - (A1) GILBRETH MARK (US); KANG YUNGMO (US); JENSEN HARRY L (US); WACKNOV JOEL (US); WALL SIMON (US); HAMRIN DOUGLAS A (US)  
**IC** - (A1) F02C-007/26  
**AP** - US97788301 20011011 [2001US-0977883]  
**PR** - US97788301 20011011 [2001US-0977883]  
 US20781798 19981208 [1998US-0207817]  
 US8045798P 19980402 [1998US-P080457]  
 US27749001P 20010321 [2001US-P277490]  
**EC** - H02J-001/10  
 H02J-001/14  
**PCL** - ORIGINAL (O) : 700287000; CROSS-REFERENCE (X) : 060778000  
**DT** - Corresponding document  
**UP** - 2002-31

32 / 33 *PLUSPAT - ©QUESTEL-ORBIT*  
**PN** - WO200242611 A1 20020530 [WO200242611]  
**STG** - (A1) Publ. Of int. Appl. With int. Search rep  
**TI** - (A1) TRANSIENT TURBINE EXHAUST TEMPERATURE CONTROL FOR A TURBOGENERATOR  
**OTI** - (A1) REGULATION DE TEMP RATURE TRANSITOIRE EN SORTIE DE TURBINE

POUR TURBOG N RATEUR  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - CAPSTONE TURBINE CORPORATION; 21211 Nordhoff Street, Chatsworth, CA 91311 (US)  
**IN** - (A1) GILBRETH MARK; EDELMAN ED; WACKNOV JOEL; WALL SIMON  
**IC** - (A1) F01D-015/10 F02C-007/08 F02C-009/26 F02C-009/32  
**LA** - ENGLISH (ENG)  
**AP** - WOUS0147201 20011105 [2001WO-US47201]  
**PR** - US24582900P 20001103 [2000US-P245829]  
**EC** - F01D-015/10  
F02C-007/08  
F02C-009/26  
F02C-009/32  
**ICO** - R05B-270/101  
R05B-270/1033  
R05B-270/104  
R05B-270/1073  
R05B-270/303  
**DS** - AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; European patent (AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR); OAPI patent (BF; BJ; CF; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG); ARIPO patent (GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW); Eurasian patent (AM; AZ; BY; KG; KZ; MD; RU; TJ; TM)  
**DT** - Basic  
**UP** - 2002-23

1 / 1 *LEGALI - @EPO*  
**PN** - WO200242611 A1 20020530 [WO200242611]  
**AP** - WOUS0147201 20011105 [2001WO-US47201]  
**ACTE** - 20020530 WO/AK [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

20020530 WO/AL [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT  
GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

20021106 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION

20030213 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

20030911 WO/REG; DE/8642 [-]  
DE: IMPACT ABOLISHED FOR DE  
<DE>

**UP** - 2004-24

33 / 33 *PLUSPAT - ©QUESTEL-ORBIT - image*  
**PN** - WO9952193 A1 19991014 [WO9952193]  
**STG** - (A1) Publ. Of int. Appl. With int. Search rep  
**TI** - (A1) POWER CONTROLLER  
**OTI** - (A1) ORGANE DE COMMANDE DE PUISSANCE  
**PA** - (A1) CAPSTONE TURBINE CORP (US)  
**PA0** - CAPSTONE TURBINE CORPORATION ; 18700 Oxnard Street Tarzana, CA  
91356 (US)  
**IN** - (A1) GILBRETH MARK; WACKNOV JOEL; WALL SIMON  
**IC** - (A1) H02J-001/10 H02J-001/14  
**LA** - ENGLISH (ENG)  
**AP** - WOUS9826139 19981208 [1998WO-US26139]  
**PR** - US8045798P 19980402 [1998US-P080457]  
**EC** - H02J-001/10  
H02J-001/14  
**DS** - CA; JP; European Patent (AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE)  
**DT** - Basic

1 / 1 *LEGALI - ©EPO*  
**PN** - WO9952193 A1 19991014 [WO9952193]  
**AP** - WOUS9826139 19981208 [1998WO-US26139]  
**ACTE** - 19991014 WO/AK [+]  
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REPORT  
CA JP

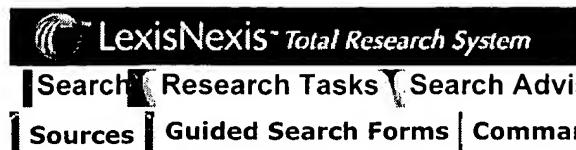
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19991215 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN  
THIS APPLICATION

20000210 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF  
19TH MONTH FROM PRIORITY DATE

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**UP** - 2003-22



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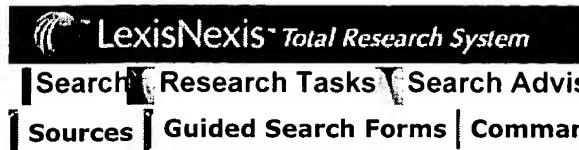
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